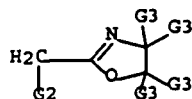


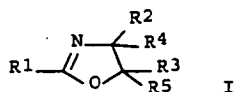
MSTR 2



G2 = aryl (opt. substd. by 1 or more G4)  
 G3 = Me  
 G4 = halo  
 Patent location: claim 2  
 Note: substitution is restricted

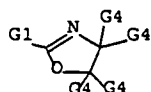
L47 ANSWER 5 OF 13 MARPAT COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 125:142712 MARPAT Full-text  
 TITLE: Preparation of oxazolines from nitriles and aminoalcohols  
 INVENTOR(S): Ikehira, Hideyuki; Yanagawa, Masao  
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08134048	A2	19960528	JP 1994-273475	19941108
PRIORITY APPLN. INFO.:			JP 1994-273475	19941108
OTHER SOURCE(S):			CASREACT 125:142712	
GI				



AB Oxazolines I [R1 = (un)substituted alkyl, aralkyl, aryl; R2-R5 = H, (un)substituted alkyl, aralkyl, aryl] are prepared by treatment of R1CN (R1 = same as above) with NH2CR2R4CR3R5OH (R2-R5 = same as above) in the presence of Lewis acids and mol. sieves. (R)-(-)-phenylglycinol was refluxed with MeCN (containing 4% water), ZnCl2, and Mol. Sieve 4A for 7 h to give 78.5% (4R)-2-methyl-4-phenyloxazoline.

MSTR 3



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